

ELSEVIER

Developmental Brain Research 112 (1999) 297-298

Author Index

Alberti, I., see Fernández, B. (112) 135 Alvarez-Bolado, G., Cecconi, F., Wehr, R. and Gruss, P.

The fork head transcription factor Fkh5 / Mf3 is a developmental marker gene for superior colliculus layers and derivatives of the hindbrain somatic afferent zone (112) 205

Anneser, J.M.H., see Berthele, A. (112) 39 Antelo, M.T., see Fernández, B. (112) 135

Atkinson, J., Panni, M.K. and Lund, R.D. Effects of neurotrophins on embryonic retinal outgrowth (112) 173

Bardgett, M.E., see Montgomery, E.M.E. (112)

Basura, G.J. and Walker, P.D.

Differential sensitivity of tachykinin vs. enkephalin gene expression in the posterior striatum in response to acute *p*-chloro-amphetamine treatment during postnatal development (112) 155

Bauer, R., Bergmann, R., Walter, B., Brust, P., Zwiener, U. and Johannsen, B.
Regional distribution of cerebral blood volume and cerebral blood flow in newborn piglets—effect of hypoxia/hypercapnia
(112) 89

Bautista, J.R., see Rubin, S.A. (112) 237 Beaman, F.D., see Bradley, D.M. (112) 99 Bergmann, R., see Bauer, R. (112) 89

Berthele, A., Boxall, S.J., Urban, A., Anneser, J.M.H., Zieglgänsberger, W., Urban, L. and Tölle, T.R.

Distribution and developmental changes in metabotropic glutamate receptor messenger RNA expression in the rat lumbar spinal cord (112) 39

Biesiada, E., see Gianino, S. (112) 189 Boxall, S.J., see Berthele, A. (112) 39

Bradley, D.M., Beaman, F.D., Moore, D.B., Kidd, K. and Heaton, M.B. Neurotrophic factors BDNF and GDNF protect embryonic chick spinal cord motoneurons from ethanol neurotoxicity in vivo (112) 99

Bruce, L.L., see Khachab, M.Y. (112) 145 Brust, P., see Bauer, R. (112) 89

Carbone, K.M., see Rubin, S.A. (112) 237
Cecconi, F., see Alvarez-Bolado, G. (112) 205
Chabli, A., see Fortin, S. (112) 55
Charriaut-Marlangue, C., see Pineau, N. (112) 139

Csernansky, C.A., see Montgomery, E.M.E. (112) 107

Csernansky, J.G., see Montgomery, E.M.E. (112) 107

Cuadra, G.R., see Nasif, F.J. (112) 181

Dumont, I., see Fortin, S. (112) 55

Elmquist, J.K., see Swanson, J.J. (112) 159

Farooqui, S.M., see Zhang, K. (112) 11
Feinberg, R.N., see Laemle, L.K. (112) 129
Fernández, B., Antelo, M.T., Guaza, C., Alberti, I., Pinillos, M.L. and Viveros, M.P. Naltrindole administration during the preweanling period and manipulation affect adrenocortical reactivity in young rats (112) 135

Ferrer, I., see López, E. (112) 149
Fleming, W.W., see Molnar, L.R. (112) 287
Fortin, S., Chabli, A., Dumont, I., Shumikhina, S., Itaya, S.K. and Molotchnikoff, S.
Maturation of visual receptive field properties in the rat superior colliculus (112) 55
Fritschy, J.-M., see Penschuck, S. (112) 117
Fukui, Y., see Miki, T. (112) 275

Geisler, H.C., see Gramsbergen, A. (112) 217
Gianino, S., Stein, S.A., Li, H., Lu, X., Biesiada, E., Ulas, J. and Xu, X.M.
Postnatal growth of corticospinal axons in the spinal cord of developing mice (112) 189

Giorgetta, O., see Penschuck, S. (112) 117 Gramsbergen, A., Geisler, H.C., Taekema, H. and Van Eykern, L.A. The activation of back muscles during locomotion in the developing rat (112) 217 Gruss, P., see Alvarez-Bolado, G. (112) 205 Guaza, C., see Fernández, B. (112) 135

Hahn, S.J., see Rhie, D.-J. (112) 267 Hatanaka, H., see Shimoke, K. (112) 245 Hayashi, M., see Ohira, K. (112) 21 Heaton, M.B., see Bradley, D.M. (112) 99 Hisano, S., see Miki. T. (112) 275 Hökfelt, T., see Wickström, H.R. (112) 255 Holgert, H., see Wickström, H.R. (112) 255

Ikeuchi, T., see Shimoke, K. (112) 245
Ingraham, C.A., Rising, L.J. and Morihisa, J.M.
Development of O4 + /O1 – immunopanned pro-oligodendroglia in vitro
(112) 79

Itaya, S.K., see Fortin, S. (112) 55

Jacobson, C.D., see Swanson, J.J. (112) 159 Jo, Y.-H., see Rhie, D.-J. (112) 267 Johannsen, B., see Bauer, R. (112) 89

Kessler, J.P., see Rao, H. (112) 281
Khachab, M.Y. and Bruce, L.L.
The maturation of corticocollicular neurons in mice (112) 145
Kidd, K., see Bradley, D.M. (112) 99

Kim, M.-S., see Rhie, D.-J. (112) 267 Kuehl-Kovarik, M.C., see Swanson, J.J.

Kuehl-Kovarik, M.C., see Swanson, J.J. (112) 159

Laemle, L.K., Puszkarczuk, M. and Feinberg, R.N.

Apoptosis in early ocular morphogenesis in the mouse (112) 129

Laferrière, A., Liu, J.-K. and Moss, I.R. μ- and δ-Opioid receptor densities in respiratory-related brainstem regions of neonatal swine (112) 1

Lagercrantz, H., see Wickström, H.R. (112) 255 Lall, B., see Montgomery, E.M.E. (112) 107 Li, H., see Gianino, S. (112) 189

Li, H., see Gianino, S. (112) 189 Liu, J.-K., see Laferrière, A. (112) 1 López, E., Pozas, E., Rivera, R. and Ferrer, I.

López, E., Pozas, E., Rivera, R. and Ferrer, I. Bc1-2 and Bax expression following methylazoxymethanol acetate-induced apoptosis in the external granule cell layer of the developing rat cerebellum (112) 149

Lu, X., see Gianino, S. (112) 189 Lund, R.D., see Atkinson, J. (112) 173

Martin, G.F., see Terman, J.R. (112) 65
 Miki, T., Sawada, K., Sun, X.-Z., Hisano, S.,
 Takeuchi, Y. and Fukui, Y.
 Abnormal distribution of hippocampal mossy fibers in rats exposed to X-irradiation in utero (112) 275

Molnar, L.R., Thayne, K.A., Fleming, W.W. and Taylor, D.A.

The role of the sodium pump in the devel-

opmental regulation of membrane electrical properties of cerebellar Purkinje neurons of the rat (112) 287

Molotchnikoff, S., see Fortin, S. (112) 55
Montgomery, E.M.E., Bardgett, M.E., Lall, B.,
Csernansky, C.A. and Csernansky, J.G.
Delayed neuronal loss after administration
of intracerebroventricular kainic acid to
preweanling rats (112) 107

- Moore, D.B., see Bradley, D.M. (112) 99 Moran, T.H., see Rubin, S.A. (112) 237 Morihisa, J.M., see Ingraham, C.A. (112) 79 Moss, I.R., see Laferrière, A. (112) 1 Motte, J., see Pineau, N. (112) 139
- Nasif, F.J., Cuadra, G.R. and Ramirez, O.A. Permanent alteration of central noradrenergic system by prenatally administered amphetamine (112) 181 Nehlig, A., see Pineau, N. (112) 139
- O'Donnell, J.M., see Zhang, K. (112) 11 Ohira, K., Shimizu, K. and Hayashi, M. Change of expression of full-length and truncated TrkBs in the developing monkey central nervous system (112) 21
- Panni, M.K., see Atkinson, J. (112) 173

 Penschuck, S., Giorgetta, O. and Fritschy, J.-M.

 Neuronal activity influences the growth of barrels in developing rat primary somatosensory cortex without affecting the expression pattern of four major GABA_A receptor α subunits (112) 117
- Pineau, N., Charriaut-Marlangue, C., Motte, J. and Nehlig, A.

 Pentylenetetrazol seizures induce cell suffering but not death in the immature rat brain (112) 139
- Pinillos, M.L., see Fernández, B. (112) 135 Pio, J., see Rao, H. (112) 281 Porter, J.P.
- Chronic intracerebroventricular infusion of angiotensin II increases brain AT1 receptor expression in young rats (112) 293 Pozas, E., see López, E. (112) 149 Puszkarczuk, M., see Laemle, L.K. (112) 129
- Ramirez, O.A., see Nasif, F.J. (112) 181
 Rao, H., Pio, J. and Kessler, J.P.
 Postnatal development of synaptophysin immunoreactivity in the rat nucleus tractus solitarii and caudal ventrolateral medulla (112) 281

- Rhie, D.-J., Yi, S.-Y., Hahn, S.J., Sim, S.-S., Jo, Y.-H. and Kim, M.-S. Somatostatin potentiates voltage-dependent K⁺ and Ca²⁺ channel expression induced by nerve growth factor in PC12 cells (112) 267
- Rising, L.J., see Ingraham, C.A. (112) 79
 Rivera, R., see López, E. (112) 149
 Rubin, S.A., Bautista, J.R., Moran, T.H.,
 Schwartz, G.J. and Carbone, K.M.
 Viral teratogenesis: brain developmental
 damage associated with maturation state at
 time of infection (112) 237
- Sakaguchi, D.S., see Swanson, J.J. (112) 159 Sawada, K., see Miki, T. (112) 275 Schwartz, G.J., see Rubin, S.A. (112) 237 Shimizu, K., see Ohira, K. (112) 21 Shimoke, K., Yamagishi, S., Yamada, M., Ikeuchi, T. and Hatanaka, H. Inhibition of phosphatidylinositol 3-kinase activity elevates c-Jun N-terminal kinase activity in apoptosis of cultured cerebellar granule neurons (112) 245
- Shumikhina, S., see Fortin, S. (112) 55
 Sim, S.-S., see Rhie, D.-J. (112) 267
 Simonyi, A., Zhang, J.-P. and Sun, G.Y.
 Changes in mRNA levels for group I
 metabotropic glutamate receptors following
 in utero hypoxia-ischemia (112) 31

Stein, S.A., see Gianino, S. (112) 189

- Sun, G.Y., see Simonyi, A. (112) 31
 Sun, X.-Z., see Miki, T. (112) 275
 Swanson, J.J., Kuehl-Kovarik, M.C., Elmquist, J.K., Sakaguchi, D.S. and Jacobson, C.D. Development of the facial and hypoglossal motor nuclei in the neonatal Brazilian opossum brain (112) 159
- Taekema, H., see Gramsbergen, A. (112) 217 Takeuchi, Y., see Miki, T. (112) 275 Taylor, D.A., see Molnar, L.R. (112) 287

- Terman, J.R., Wang, X.M. and Martin, G.F. Developmental plasticity of ascending spinal axons Studies using the north american opossum, *Didelphis virginiana* (112) 65 Thayne, K.A., see Molnar, L.R. (112) 287 Tölle, T.R., see Berthele, A. (112) 39
- Ulas, J., see Gianino, S. (112) 189 Urban, A., see Berthele, A. (112) 39 Urban, L., see Berthele, A. (112) 39
- Van Eykern, L.A., see Gramsbergen, A. (112) 217 Viveros, M.P., see Fernández, B. (112) 135
- Walker, P.D., see Basura, G.J. (112) 155
 Walter, B., see Bauer, R. (112) 89
 Wang, X.M., see Terman, J.R. (112) 65
 Wehr, R., see Alvarez-Bolado, G. (112) 205
 Wickström, H.R., Holgert, H., Hökfelt, T. and Lagercrantz, H.
 Birth-related expression of c-fos, c-jun and substance P mRNAs in the rat brainstem and pia mater: possible relationship to changes in central chemosensitivity (112)
- Xu, X.M., see Gianino, S. (112) 189
- Yamada, M., see Shimoke, K. (112) 245 Yamagishi, S., see Shimoke, K. (112) 245 Yi, S.-Y., see Rhie, D.-J. (112) 267
- Zbuzek, V., see Zbuzek, V.K. (112) 229 Zbuzek, V.K. and Zbuzek, V. Effect of pre- and postnatal nicotine exposure on vasopressinergic system in rats (112) 229
- Zhang, J.-P., see Simonyi, A. (112) 31
 Zhang, K., Farooqui, S.M. and O'Donnell, J.M.
 Ontogeny of rolipram-sensitive, low- K_m ,
 cyclic AMP-specific phosphodiesterase in
 rat brain (112) 11
- Zieglgänsberger, W., see Berthele, A. (112) 39 Zwiener, U., see Bauer, R. (112) 89

